



Hartsdown Numeracy Newsletter 11

ANNOUNCEMENT

YEAR 11 MATHS MASTERY
Every Monday 3-4pm
Foundation MG03
Higher MG04

DID YOU KNOW?

ScienceDaily



Mathematical model predicts effect of bacterial mutations on antibiotic success

Scientists have developed a mathematical model that predicts how the number and effects of bacterial mutations leading to drug resistance will influence the success of antibiotic treatments.



Auditor:

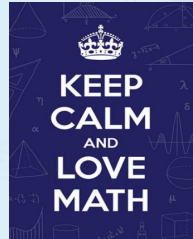
Auditors examine and prepare financial records while checking for their accuracy, then explaining their findings to key stakeholders. Internal auditors check for mismanagement of an organization's funds and identify ways to improve processes for eliminating waste and fraud. External auditors are employed by an outside organization to perform the same tasks, while information technology auditors review controls for their organizations' computer systems.

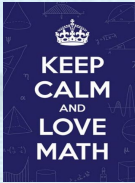
Change



Usually convert from one unit to another, either using known metric unit conversions or the use of a conversion graph

- promijeniti
- změna zmena
- pokytis зміна
- Schimbare





Maths Star of the Week KS3

8s - Kane P.
 8t- Maria B
 8r -
 8v- Harry
 8e- Stefanie F.
 9s - James
 9t - Reece M.
 9r - Will F.
 9v - Jozef G.
 9e- Callum P.

Maths Star of the Week KS4&5

10S- Samuel P.
 10T- Fabian F.
 10R- Holly P.
 10V- Blinera A.
 10E- Alan F.

11S- Nayla M.
 11T- Shianna L.
 11R- Alfie H.
 11V- Oliver A.

6th Form:
 Shannon S.

Can you Solve this?

$$\square \times \square \times \square = 27$$

$$\square \times \triangle \times \triangle \times \triangle = 24$$

$$\square \times \triangle \times \bigcirc \times \bigcirc = 96$$

$$\bigcirc + \square \times \triangle = ?$$



Ali Baba found a cave full of gold and diamonds. A bag full of gold weighs 200 kilograms, a bag full of diamonds weighs 40 kilograms. Ali Baba can carry only 100 kilograms at a time. A kilogram of gold costs \$20, and a kilogram of diamonds costs \$60. What is the greatest amount of money Alibaba can earn for the gold and diamonds he can carry out at once (in one attempt in one bag)?

Submit your answer to mazurekk@hartsdown.org